

## LIST OF PLATES

---

### COD GILL-NETS.

	Page.
PLATE I.—Method of hanging cod gill-nets in Norway .....	16
PLATE II.—Manner in which the glass floats are attached to the tops of the nets .....	16
PLATE III.—Way in which the sinkers are fastened to the bottom of the nets .....	16
PLATE IV.—Size of twine of which the American nets are made.....	16
PLATE V.—Norwegian method of setting the nets at the bottom .....	16
PLATE VI.—Way in which nets are set at different depths to ascertain the position of the fish .....	16
PLATE VII.—Manner in which the ends of a gang of nets are attached to the stone anchors and buoy-line in Norway; also showing the position of the glass floats and sinkers .....	16
PLATE VIII.—Way in which cod gill-nets are set at the bottom on the east coast of Newfoundland .....	16
PLATE IX.—The ordinary way in which cod gill-nets are set floating at Newfoundland .....	16
PLATE X.—Norwegian net and trawl buoy made of glass floats .....	16
PLATE XI.—Way in which cod gill-nets are set for underrunning in Ipswich Bay .....	16
PLATE XII.—Manner in which the nets are underrun.....	16

### SPANISH MACKEREL.

PLATE XIII.—(I.) Fig. 1. Micropyle and micropylar area of egg .....	166
2. Unimpregnated egg .....	166
3. Morula stage of cleavage of the germinal disk .....	166
4. Germinal disk of egg .....	166
5. Incipient blastoderm of the egg .....	166
6. Developing blastoderm of the egg .....	166
7. Blastoderm of the egg 7 hours after impregnation .....	166
8. Embryo 11 hours after impregnation .....	166
PLATE XIV.—(II.) Fig. 9. Caudal view of embryo .....	168
10. Embryo 14 hours after impregnation .....	168
11. Transverse section of caudal view of embryo .....	168
12. Embryo 18 hours after impregnation .....	168
13. Young Spanish mackerel 24 hours from impregnation .....	168
PLATE XV.—(III.) Fig. 14. Young Spanish mackerel 36 hours from impregnation .....	170
15. Young Spanish mackerel 45 hours from impregnation .....	170
PLATE XVI.—(IV.) Fig. 16. Spanish mackerel three days after it left the egg .....	172
17. Head of Spanish mackerel six days after hatching .....	172

### SEA-HORSE.

PLATE XVII. Fig. 1. Young sea-horse ( <i>Hippocampus antiquorum</i> ) .....	199
---	-----

### SILVER GAR.

PLATE XVIII. Fig. 1. Egg of the silver gar ( <i>Tylosurus longirostris</i> ) .....	300
2. Germinal disk 4½ hours after impregnation .....	300
3. Germinal disk 10 hours after impregnation .....	300
4. Blastoderm of silver gar 24 hours after impregnation .....	300
5. Blastoderm of silver gar 31½ hours after impregnation .....	300
6. Blastoderm of silver gar 43½ hours after impregnation .....	300
7. Head of embryo of silver gar 51 hours after impregnation .....	300
8. Tail of embryo of silver gar 51 hours after impregnation .....	300
PLATE XIX. Fig. 9. Embryo silver gar 51 hours after impregnation .....	300
10. Embryo silver gar 52 hours after impregnation .....	300
11. Embryo silver gar 70 hours after impregnation .....	300
12. Embryo silver gar 94½ hours after impregnation .....	300
13. Origin of the mode of anastomosis of larger vessels .....	300
PLATE XX. Fig. 14. Embryo silver gar 116½ hours after impregnation .....	300
15. Heart of silver gar 140 hours after impregnation .....	300
16. Embryo silver gar 165½ hours after impregnation .....	300

### SALMON.

PLATE XXI. Fig. 1-23. Nuclear cleavage figures of salmon eggs .....	338
---	-----

#### ERRATA.

[Fish Com. edición U. S. F. C. Bull., 1881.]

- On page 166, and on the plate facing it, for Plate I read Plate XIII.
- On page 167, and on the plate facing it, for Plate II read Plate XIV.
- On page 168, and on the plate facing it, for Plate III read Plate XV.
- On page 169, and on the plate facing it, for Plate IV read Plate XVI.
- On page 300, and on the plate facing it, for Plate XIX read Plate XVIII.
- On page 300, and on the plate facing it, for Plate XX read Plate XIX.
- On page 301, and on the plate facing it, for Plate XXI read Plate XX.
- On page 338, and on the plate facing it, for Plate XVIII read Plate XXI.